

1. (original) A method of segmenting an image, comprising:
 - selecting, for each pixel to be thresholded in the image, one threshold among a plurality of thresholds, based on the relative magnitudes of the thresholds; and
 - assigning each pixel to one of two classes according to the value of its intensity relative to the selected threshold for the pixel.
2. (original) The method of claim 1, further comprising:
 - selecting among at least one threshold that is dynamic, and a threshold that is constant.
3. (original) The method of claim 1, further comprising:
 - selecting a threshold corresponding to the highest intensity value among the plurality of thresholds.
4. (original) The method of claim 1, further comprising:
 - selecting the threshold having the largest magnitude among the plurality of thresholds.
- 5 - 9 (cancelled)
10. (original) An image processing system, comprising:
 - a processor having an input for receiving a digital image;
 - a memory medium, readable by the processor, containing a program to instruct the processor to perform the following method:
 - selecting, one threshold among a plurality of thresholds, based on the relative magnitudes of the thresholds; and,
 - assigning each pixel in the digital image to one of two classes according to the value of its intensity relative to the selected threshold for the pixel.

11. (original) A computer readable medium, containing a program to perform the following steps:

selecting, for each pixel in a digital image, one threshold among a plurality of thresholds, based on the relative magnitudes of the thresholds; and,
assigning each pixel in the digital image to one of two classes according to the value of its intensity relative to the selected threshold for the pixel.